07014000 HUZZAH CREEK NEAR STEELVILLE, MO
(Ambient water-quality monitoring network)

WATER-QUALITY RECORDS

LOCATION.--Lat 37°58'29", long 91°12'16", in SE 1/4 SW 1/4 sec. 25, T.38 N., R.3 W., Crawford County, Hydrologic Unit 07140102. From Steelville take Highway 8 east for about 9 mi.

DRAINAGE AREA.--259 mi^2.

PERIOD OF RECORD.--November 1993 to current year.

REMARKS.--Ambient water-quality monitoring network station since November 1993.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER-ATURE WATER (DEG C) (00010)	SPE-CIFIC CON-DUCT-ANCE (µS/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	COLI-FORM, FECAL, 0.7 µM-MF (COLS./ 100 ML) (31625)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	ALKA-LINITY WAT WH TOT FET FIELD (MG/L AS $CACO_3$) (00410)
NOV											
03...	1045	81	14.0	399	7.7	10.6	101	--	K21	K18	198
JAN											
13...	0915	352	8.5	361	8.0	11.1	95	<10	210	2100	165
MAR											
20...	1010	245	14.0	315	7.9	10.6	102	--	K14	K11	143
APR											
17...	1200	203	16.0	300	8.0	11.0	110	--	45	K9	170
JUN											
07...	1130	285	20.5	325	8.1	9.4	105	<10	42	66	156
AUG											
07...	1040	127	23.5	346	8.0	8.6	100	--	130	460	198

DATE	BICAR-BONATE WATER WH IT FIELD (MG/L AS HCO_3) (00450)	CAR-BONATE WATER WH IT FIELD (MG/L AS CO_3) (00447)	NITRO-GEN, NO_2+NO_3 TOTAL (MG/L AS N) (00630)	NITRO-GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARD-NESS TOTAL (MG/L AS $CACO_3$) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
NOV										
03...	241	0	0.090	<0.010	<0.010	<0.20	<0.020	<0.010	--	--
JAN										
13...	199	0	0.220	<0.010	0.040	<0.20	0.030	<0.010	190	38
MAR										
20...	173	0	0.220	<0.010	0.010	<0.20	0.020	0.010	--	--
APR										
17...	210	0	0.080	<0.010	0.010	<0.20	<0.020	<0.010	--	--
JUN										
07...	193	0	0.070	<0.010	0.010	<0.20	<0.020	<0.010	170	35
AUG										
07...	243	0	0.190	0.010	0.010	0.20	0.020	<0.010	--	--

DATE	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SULFATE DIS-SOLVED (MG/L AS SO_4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	ALUM-INUM, TOTAL RECOV-ERABLE (µG/L AS AL) (01105)	ALUM-INUM, DIS-SOLVED (µG/L AS AL) (01106)
JAN										
13...	23	3.0	1.0	9.3	8.6	<0.10	184	8	100	20
JUN										
07...	20	2.6	1.1	7.6	2.4	0.20	174	12	40	20

DATE	CADMIUM TOTAL RECOV-ERABLE (µG/L AS CD) (01027)	CADMIUM DIS-SOLVED (µG/L AS CD) (01025)	COPPER, DIS-SOLVED (µG/L AS CU) (01040)	IRON, DIS-SOLVED (µG/L AS FE) (01046)	LEAD, TOTAL RECOV-ERABLE (µG/L AS PB) (01051)	LEAD, DIS-SOLVED (µG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (µG/L AS MN) (01056)	MERCURY TOTAL RECOV-ERABLE (µG/L AS HG) (71900)	ZINC, TOTAL RECOV-ERABLE (µG/L AS ZN) (01092)	ZINC, DIS-SOLVED (µG/L AS ZN) (01090)
JAN										
13...	<1	<1.0	3	23	2	<1	4	<0.10	6	4
JUN										
07...	<1	<1.0	1	11	2	<1	4	0.40	<4	<4

K--Results based on colony count outside the acceptable range (non-ideal colony count).